

Serial No. 10/687,693
October 4, 2005
Reply to the Office Action dated April 6, 2005
Page 3 of 13

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (canceled).

Claim 2 (currently amended): ~~A fluorescent lamp lighting device according to Claim 1, wherein A fluorescent lamp lighting device comprising:~~

a fluorescent light bulb having an electrode filament; and

an electronic lighting circuit substrate for lighting the fluorescent light bulb;

wherein

a capacitor connected in parallel with said fluorescent light bulb, a positive temperature characteristic thermistor connected in parallel with the capacitor, and a negative temperature characteristic thermistor connected in parallel with said electrode filament are mounted on said electronic lighting circuit substrate;

said negative characteristic thermistor has a mounting surface that is mounted in such a manner that said mounting surface is in abutment with said electronic lighting circuit substrate; and

said electronic lighting substrate has obverse and reverse surfaces with mounting surfaces ~~thereon~~, and said positive characteristic thermistor and said negative characteristic thermistor are mounted on mutually different mounting surfaces among the two mounting surfaces of the obverse and reverse surfaces of said electronic lighting circuit substrate.

Claim 3 (currently amended): A fluorescent lamp lighting device according to Claim 42, further comprising an external-tube glass bulb which covers the fluorescent light bulb.

Serial No. 10/687,693
October 4, 2005
Reply to the Office Action dated April 6, 2005
Page 4 of 13

Claim 4 (original): A fluorescent lamp lighting device according to Claim 3, further comprising a resin case connected to the external-tube glass bulb.

Claim 5 (original): A fluorescent lamp lighting device according to Claim 4, further comprising an electronic lighting circuit housed in the resin case.

Claim 6 (currently amended): A fluorescent lamp lighting device according to Claim 42, wherein said fluorescent light bulb four substantially U-shaped glass tubes.

Claim 7 (currently amended): A fluorescent lamp lighting device according to Claim 42, wherein said fluorescent light bulb includes a pair of electrode filaments.

Claim 8 (original): A fluorescent lamp lighting device according to Claim 7, wherein said a first of said pair of electrode filaments is held by a first pair of reed lines at a first location and a second of said pair of electrode filaments is held by a second pair of reed lines at a second location.

Claim 9 (original): A fluorescent lamp lighting device according to Claim 8, wherein each of said first and second pair of reed lines is electrically connected to an electronic lighting circuit.

Claim 10 (currently amended): A fluorescent lamp lighting device according to Claim 42, further comprising an electronic lighting circuit including an inverter circuit section driven by a power supply so as to light the fluorescent light bulb.

Claim 11 (original): A fluorescent lamp lighting device according to Claim 10, wherein a pair of the negative temperature characteristic thermistors are surface mounted on the same surface of the electronic lighting circuit substrate.

Serial No. 10/687,693

October 4, 2005

Reply to the Office Action dated April 6, 2005

Page 5 of 13

Claim 12 (currently amended): ~~A fluorescent lamp lighting device according to Claim 1, wherein A fluorescent lamp lighting device comprising:~~

a fluorescent light bulb having an electrode filament; and

an electronic lighting circuit substrate for lighting the fluorescent light bulb;

wherein

a capacitor connected in parallel with said fluorescent light bulb, a positive temperature characteristic thermistor connected in parallel with the capacitor, and a negative temperature characteristic thermistor connected in parallel with said electrode filament are mounted on said electronic lighting circuit substrate;

said negative characteristic thermistor has a mounting surface that is mounted in such a manner that said mounting surface is in abutment with said electronic lighting circuit substrate; and

said negative temperature characteristic thermistor is mounted on a fluorescent light bulb side of the electronic lighting circuit substrate.

Claim 13 (currently amended): A fluorescent lamp lighting device according to Claim ~~1~~12, wherein the positive temperature characteristic thermistor is mounted on a base side of the electronic lighting circuit substrate.

Claim 14 (currently amended): ~~A fluorescent lamp lighting device according to Claim 1, wherein A fluorescent lamp lighting device comprising:~~

a fluorescent light bulb having an electrode filament; and

an electronic lighting circuit substrate for lighting the fluorescent light bulb;

wherein

a capacitor connected in parallel with said fluorescent light bulb, a positive temperature characteristic thermistor connected in parallel with the capacitor, and a negative temperature characteristic thermistor connected in parallel with said electrode filament are mounted on said electronic lighting circuit substrate;

Serial No. 10/687,693
October 4, 2005
Reply to the Office Action dated April 6, 2005
Page 6 of 13

said negative characteristic thermistor has a mounting surface that is mounted in such a manner that said mounting surface is in abutment with said electronic lighting circuit substrate; and

said positive temperature characteristic thermistor is mounted on a fluorescent light bulb side of the electronic lighting circuit substrate.

Claim 15 (currently amended): A fluorescent lamp lighting device according to Claim 4~~14~~, wherein the negative temperature characteristic thermistor is mounted on a base side of the electronic lighting circuit substrate.

Claim 16 (new): A fluorescent lamp lighting device according to Claim 12, further comprising an external-tube glass bulb which covers the fluorescent light bulb.

Claim 17 (new): A fluorescent lamp lighting device according to Claim 16, further comprising a resin case connected to the external-tube glass bulb.

Claim 18 (new): A fluorescent lamp lighting device according to Claim 17, further comprising an electronic lighting circuit housed in the resin case.

Claim 19 (new): A fluorescent lamp lighting device according to Claim 12, wherein said fluorescent light bulb four substantially U-shaped glass tubes.

Claim 20 (new): A fluorescent lamp lighting device according to Claim 12, wherein said fluorescent light bulb includes a pair of electrode filaments.

Claim 21 (new): A fluorescent lamp lighting device according to Claim 20, wherein said a first of said pair of electrode filaments is held by a first pair of reed lines at a first location and a second of said pair of electrode filaments is held by a second pair of reed lines at a second location.

Serial No. 10/687,693
October 4, 2005
Reply to the Office Action dated April 6, 2005
Page 7 of 13

Claim 22 (new): A fluorescent lamp lighting device according to Claim 21, wherein each of said first and second pair of reed lines is electrically connected to an electronic lighting circuit.

Claim 23 (new): A fluorescent lamp lighting device according to Claim 12, further comprising an electronic lighting circuit including an inverter circuit section driven by a power supply so as to light the fluorescent light bulb.

Claim 24 (new): A fluorescent lamp lighting device according to Claim 23, wherein a pair of the negative temperature characteristic thermistors are surface mounted on the same surface of the electronic lighting circuit substrate.

Claim 25 (new): A fluorescent lamp lighting device according to Claim 14, further comprising an external-tube glass bulb which covers the fluorescent light bulb.

Claim 26 (new): A fluorescent lamp lighting device according to Claim 25, further comprising a resin case connected to the external-tube glass bulb.

Claim 27 (new): A fluorescent lamp lighting device according to Claim 26, further comprising an electronic lighting circuit housed in the resin case.

Claim 28 (new): A fluorescent lamp lighting device according to Claim 14, wherein said fluorescent light bulb four substantially U-shaped glass tubes.

Claim 29 (new): A fluorescent lamp lighting device according to Claim 14, wherein said fluorescent light bulb includes a pair of electrode filaments.

Serial No. 10/687,693

October 4, 2005

Reply to the Office Action dated April 6, 2005

Page 8 of 13

Claim 30 (new): A fluorescent lamp lighting device according to Claim 29, wherein said a first of said pair of electrode filaments is held by a first pair of reed lines at a first location and a second of said pair of electrode filaments is held by a second pair of reed lines at a second location.

Claim 31 (new): A fluorescent lamp lighting device according to Claim 30, wherein each of said first and second pair of reed lines is electrically connected to an electronic lighting circuit.

Claim 32 (new): A fluorescent lamp lighting device according to Claim 14, further comprising an electronic lighting circuit including an inverter circuit section driven by a power supply so as to light the fluorescent light bulb.

Claim 33 (new): A fluorescent lamp lighting device according to Claim 32, wherein a pair of the negative temperature characteristic thermistors are surface mounted on the same surface of the electronic lighting circuit substrate.